


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>1. WELL NAME and NUMBER</b> CWU 1252-11		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> CHAPITA WELLS		
<b>8. ADDRESS OF OPERATOR</b> 1060 East Highway 40, Vernal, UT, 84078				<b>7. OPERATOR PHONE</b> 435 781-9111		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU0281		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com		
<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>				<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>		
<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>				<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		
<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	1637 FNL 2137 FWL	SE NW	11	9.0 S	22.0 E	S
<b>Top of Uppermost Producing Zone</b>	1637 FNL 2137 FWL	SE NW	11	9.0 S	22.0 E	S
<b>At Total Depth</b>	1637 FNL 2137 FWL	SE NW	11	9.0 S	22.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1637		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 2558		
<b>24. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1200		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1200		<b>26. PROPOSED DEPTH</b> MD: 9770 TVD: 9770		
<b>27. ELEVATION - GROUND LEVEL</b> 4776		<b>28. BOND NUMBER</b> NM2308		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Mary Maestas	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b>	<b>PHONE</b> 303 824-5526
<b>API NUMBER ASSIGNED</b> 43047503560000	<b>DATE</b> 04/16/2009
<b>APPROVAL</b>	<b>EMAIL</b> mary_maestas@eogresources.com
 Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2300	36.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9770		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	9770	11.6			

## DRILLING PLAN

### CHAPITA WELLS UNIT 1252-11 SE/NW, SEC. 11, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,949		Shale	
Birdsnest Zone	2,044		Dolomite	
Mahogany Oil Shale Bed	2,565		Shale	
Wasatch	4,930		Sandstone	
Chapita Wells	5,525		Sandstone	
Buck Canyon	6,198		Sandstone	
North Horn	6,872		Sandstone	
KMV Price River	7,418	Primary	Sandstone	Gas
KMV Price River Middle	8,267	Primary	Sandstone	Gas
KMV Price River Lower	9,053	Primary	Sandstone	Gas
Sego	9,574		Sandstone	
<b>TD</b>	<b>9,770</b>			

Estimated TD: 9,770' or 200'± below TD

Anticipated BHP: 5,334 Psig

- Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 – 60'	14"	32.5#	A252			1880 PSI	10,000#
Surface	12 ¼"	0-2,300 KB±	9 ⅝"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,00#
Production	7-7/8"	Surface – TD	4-½"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-⅝" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**  
**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**5. Float Equipment:**

**Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**  
**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**CBL/CCL/VDL/GR**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**  
**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

- Lead: 185 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 207 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

**Production Hole Procedure (2300'± - TD)**

- Lead: 146 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 934 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**  
**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

**13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

**(Attachment: BOP Schematic Diagram)**



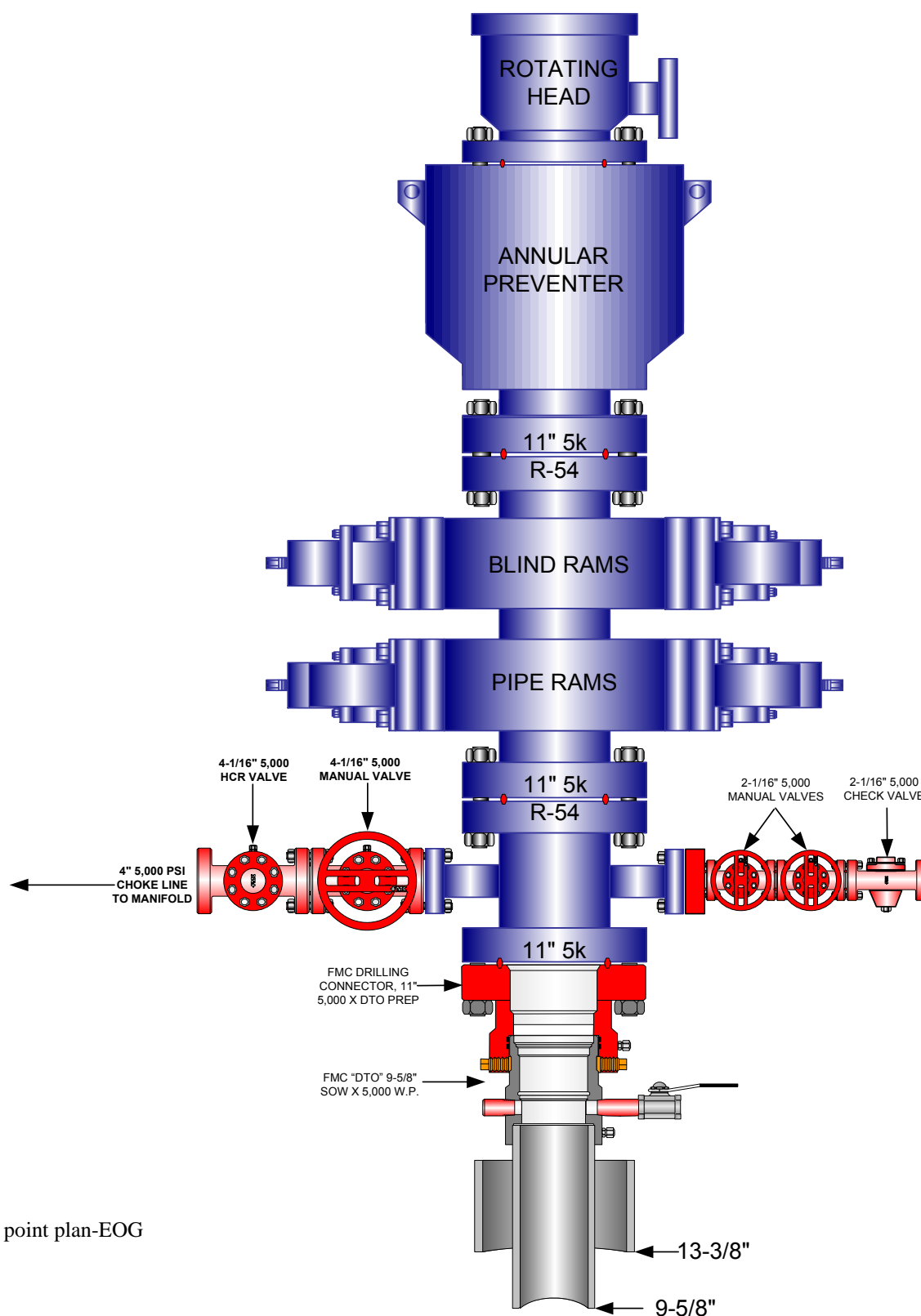
**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**

**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**

PAGE 1 OF 2

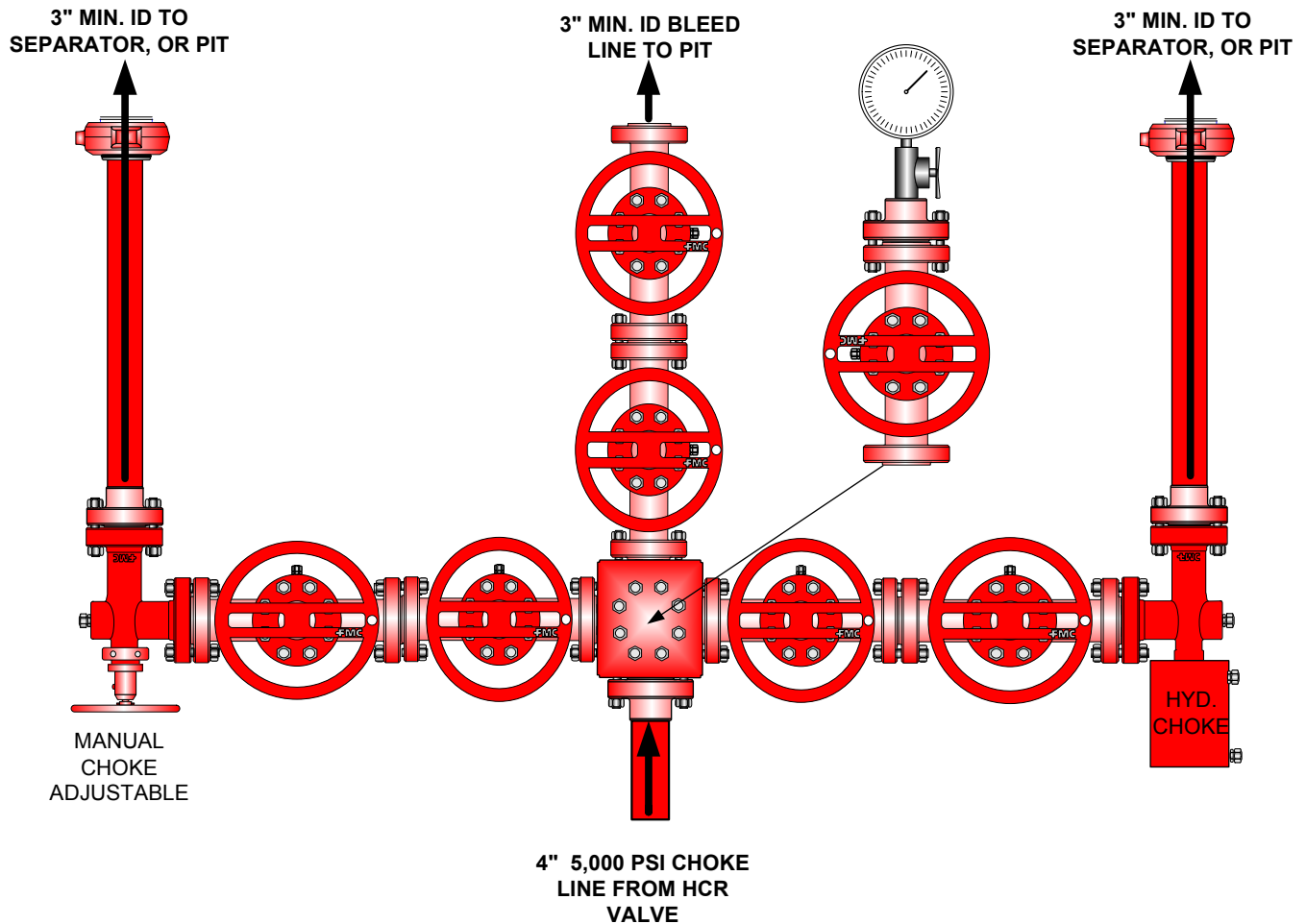


**DRILLING PLAN**

**CHAPITA WELLS UNIT 1252-11**  
**SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION**  
**W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



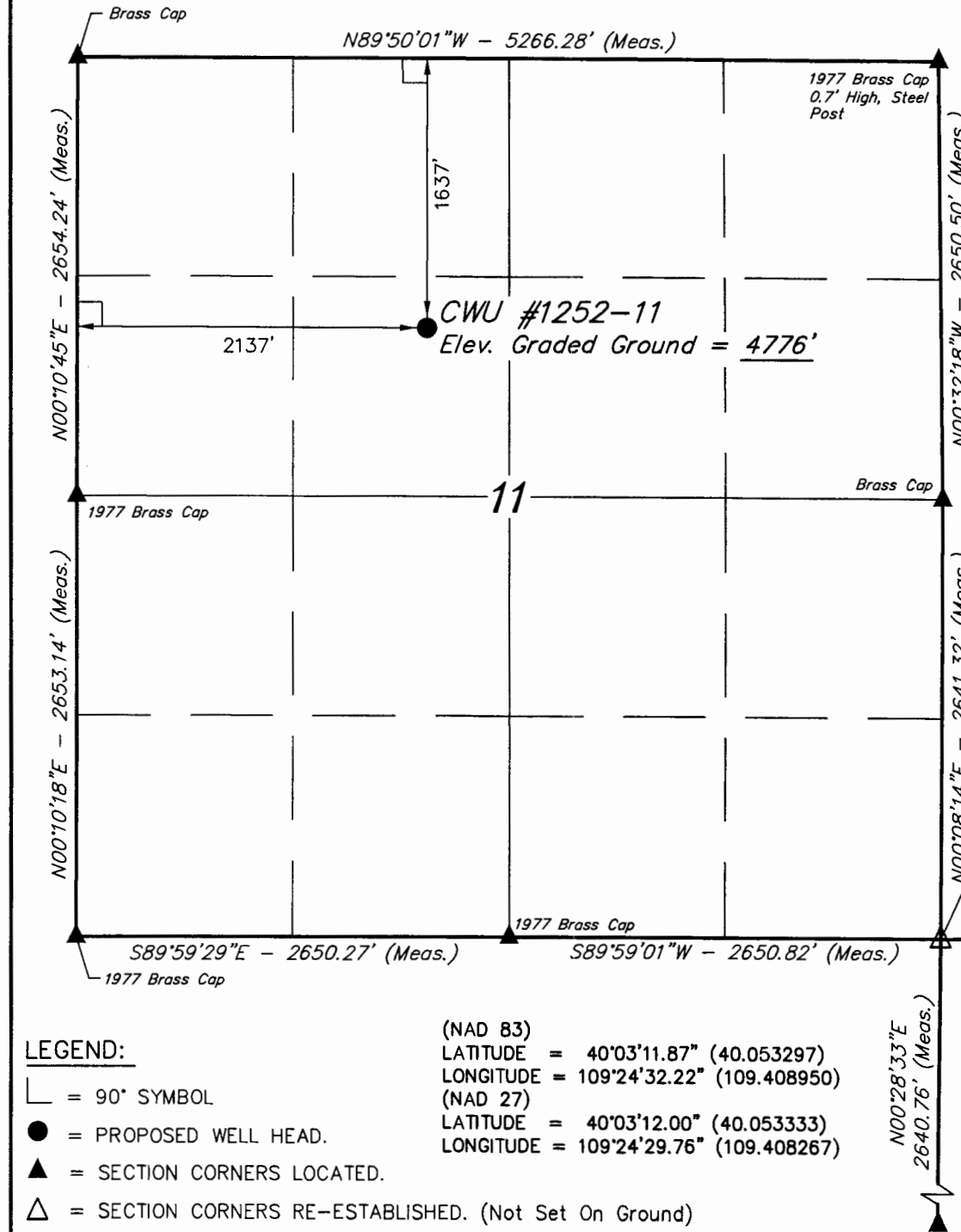
Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.

Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, w

4. whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

T9S, R22E, S.L.B.&M.



LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set On Ground)
- (NAD 83)  
LATITUDE = 40°03'11.87" (40.053297)  
LONGITUDE = 109°24'32.22" (109.408950)
- (NAD 27)  
LATITUDE = 40°03'12.00" (40.053333)  
LONGITUDE = 109°24'29.76" (109.408267)

EOG RESOURCES, INC.

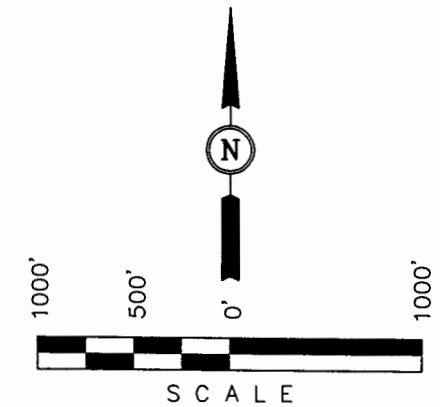
Well location, CWU #1252-11, located as shown in the SE 1/4 NW 1/4 of Section 11, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Section Corner  
Re-Established By  
Double Proportion  
Method (Not Set)

S 1/4 Sec. 12  
1977 Brass Cap 0.5'  
High, Loose Stones



UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 06-07-06	DATE DRAWN: 06-09-06
PARTY G.S. T.F. P.M.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE EOG RESOURCES, INC.	

EOG RESOURCES, INC.

CWU #1252-11

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 11, T9S, R22E, S.L.B.&M.

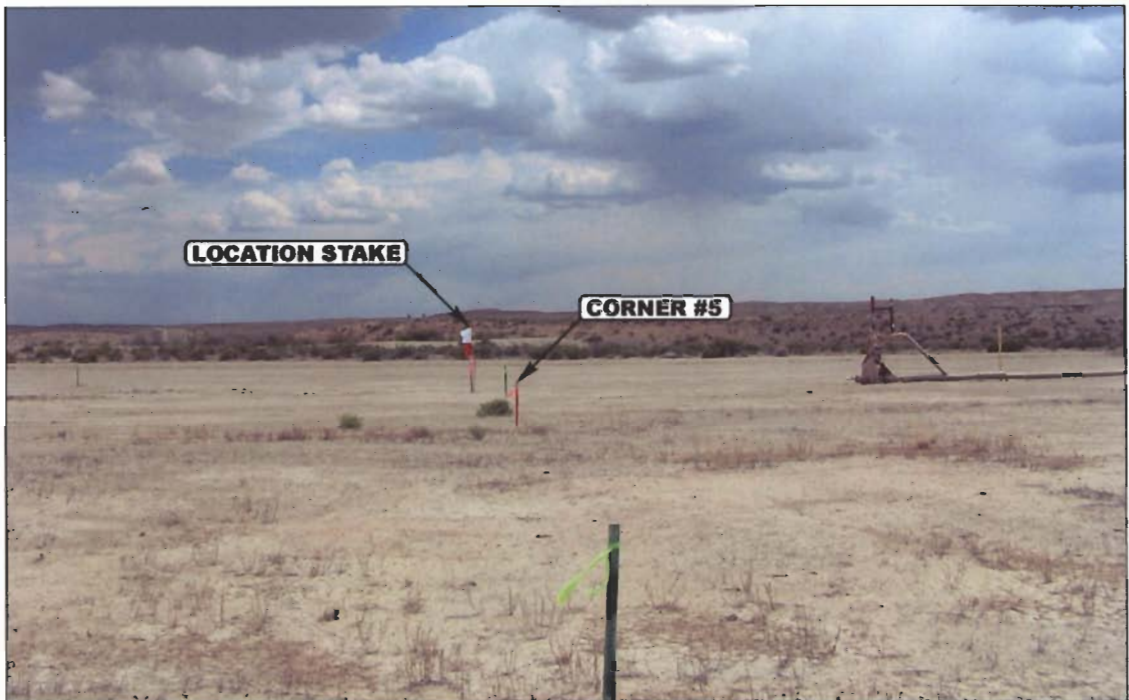


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

06 13 06  
MONTH DAY YEAR

PHOTO

TAKEN BY: G.S.

DRAWN BY: B.C.

REVISED: 00-00-00

# **EOG RESOURCES, INC.**

**CWU #1252-11**

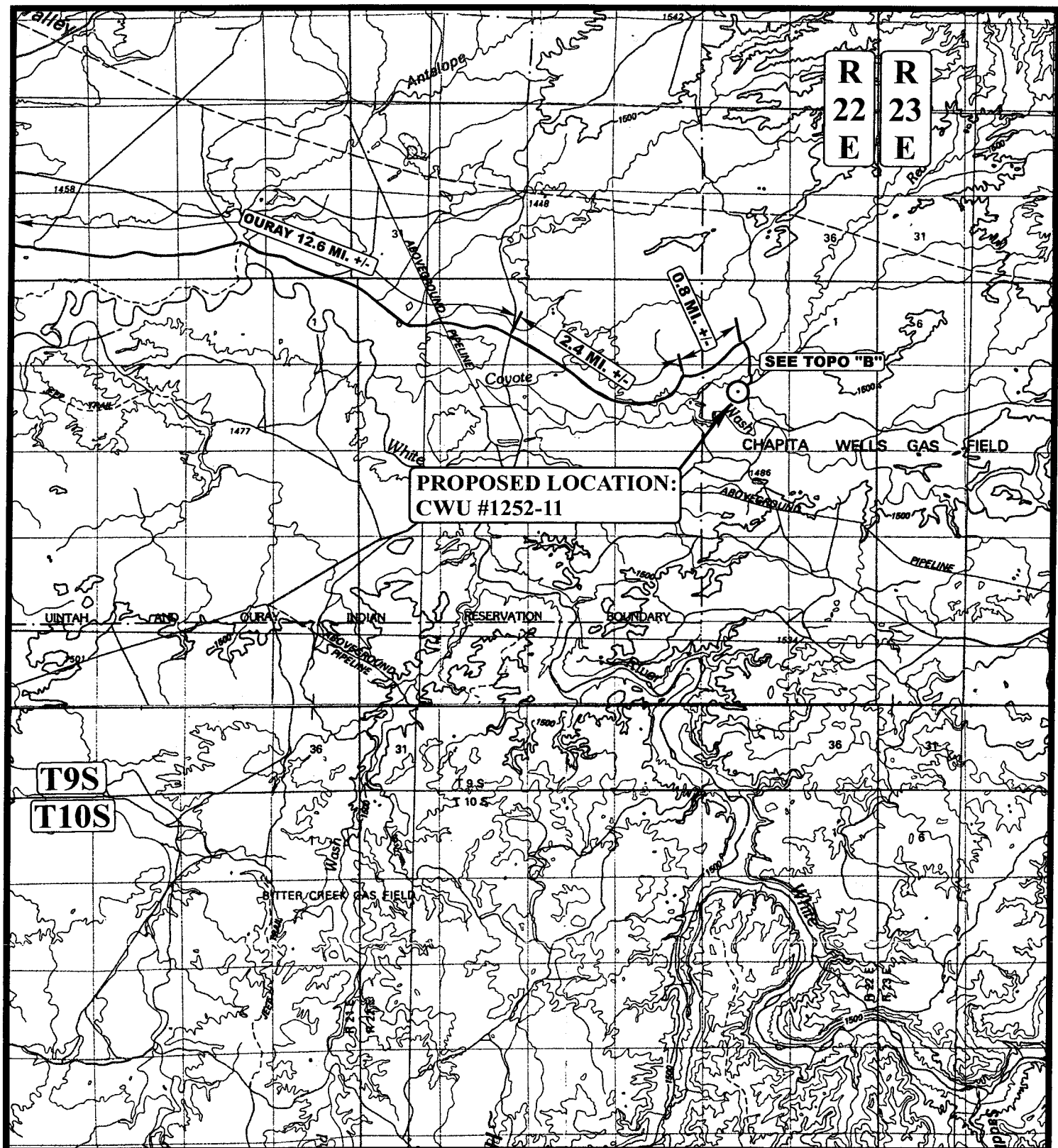
**SECTION 11, T9S, R22E, S.L.B.&M.**

**PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; PROCEED IN A SOUTHEASTERLY THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN AN NORTHWESTERLY DIRECTION APPROXIMATELY 300' TO THE EXISTING #556-11F AND THE PROPOSED LOCATION.**

**TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.5 MILES.**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017





**LEGEND:**

○ PROPOSED LOCATION

**EOG RESOURCES, INC.**

**CWU #1252-11**

**SECTION 11, T9S, R22E, S.L.B.&M.**

**1637' FNL 2137' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

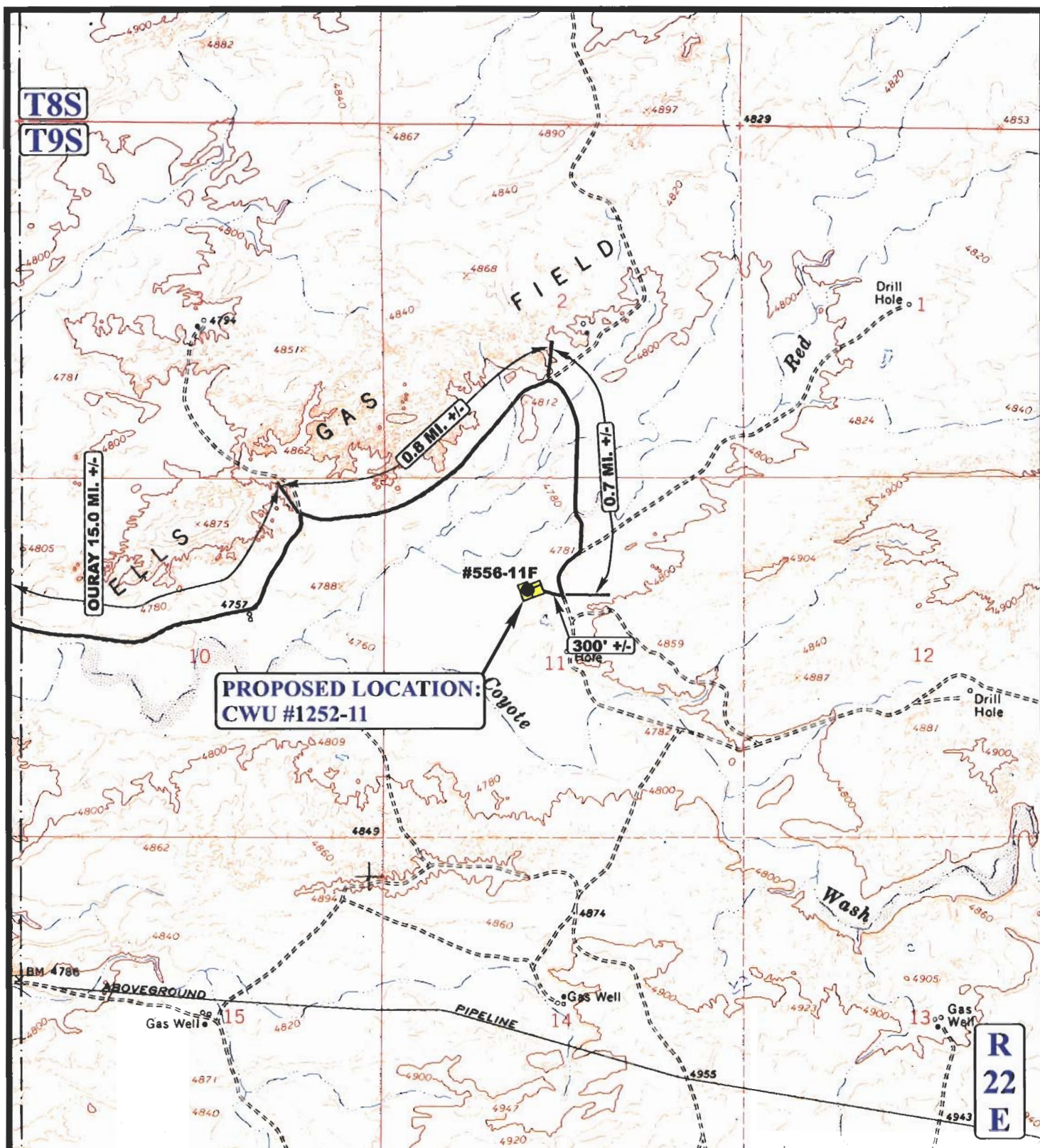
**06** **13** **06**  
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: B.C.

REVISED: 00-00-00





**LEGEND:**

— EXISTING ROAD  
- - - PROPOSED ACCESS ROAD

**EOG RESOURCES, INC.**

**CWU #1252-11**  
**SECTION 11, T9S, R22E, S.L.B.&M.**  
**1637' FNL 2137' FWL**



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85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC**  
**MAP**

**06** **13** **06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00









***Chapita Wells Unit 1252-11  
SENW, Section 11, T9S, R22E  
Uintah County, Utah***

***SURFACE USE PLAN***

**The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. New surface disturbance associated with the well pad is estimated to be 1.84 acres.**

***1. EXISTING ROADS:***

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 47.5 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The existing access road for the Chapita Wells Unit 556-11F will be used to access the proposed location. No new road will be required.
- B. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

***3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:***

See attached TOPO map "C" for the location of wells within a one-mile radius.

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

**A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and associated pipe.
2. Gas gathering lines – A 4" gathering line will be buried from the dehy unit to the edge of the location.

**B. Off Well Pad**

1. No new off-pad pipeline will be required. The existing pipeline for the Chapita Wells Unit 556-11F will be used to transport gas from the proposed location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon or Covert Green.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)).
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.



3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility, right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with **double felt**, and a **20-millimeter** plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the Authorized Officer (A.O.)

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well.

Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

**FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

# **10. PLANS FOR RECLAMATION OF THE SURFACE:**

## **A. Interim Reclamation (Producing Location)**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be reseeded during interim reclamation. The reserve pit will be reclaimed within 6 months from the date of the well completion, or as soon as weather allows. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
HyCrest Wheatgrass	4.0
Fourwing Saltbush	4.0
Needle and Threadgrass	4.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

***B. Dry Hole/Abandoned Location***

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

Final seed mix will be determined upon plug and abandonment of the well.

**11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

**Bureau of Land Management**

**12. OTHER INFORMATION:**

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on 6/29/2006. A paleontological survey was conducted and submitted by Intermountain Paleo on 8/3/2006.

**Additional Surface Stipulations:**

None.



***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Mary A. Maestas  
EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078  
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

**CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1252-11 Well, located in the SENW, of Section 11, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

April 16, 2009

Date

Mary A. Maestas, Regulatory Assistant







# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160  
(UT-922)

April 17, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2009 Plan of Development Chapita Wells Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ Wasatch)

43-047-50352	CWU 4038-34 Sec 34 T09S R23E 1941 FNL 0720 FWL	
43-047-50353	CWU 4039-34 Sec 34 T09S R23E 1810 FNL 2195 FEL	
43-047-50354	CWU 4037-34 Sec 34 T09S R23E 0806 FNL 0625 FEL	
43-047-50355	CWU 4036-34 Sec 34 T09S R23E 0661 FNL 1770 FWL	

(Proposed PZ Mesaverde)

43-047-50356	CWU 1252-11 Sec 11 T09S R22E 1637 FNL 2137 FWL	
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This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:4-17-09

# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 4/16/2009

**API NO. ASSIGNED:** 43047503560000

**WELL NAME:** CWU 1252-11

**OPERATOR:** EOG Resources, Inc. (N9550)

**PHONE NUMBER:** 303 824-5526

**CONTACT:** Mary Maestas

**PROPOSED LOCATION:** SENW 11 090S 220E

**Permit Tech Review:** ☒

**SURFACE:** 1637 FNL 2137 FWL

**Engineering Review:** ☐

**BOTTOM:** 1637 FNL 2137 FWL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.05332

**LONGITUDE:** -109.40830

**UTM SURF EASTINGS:** 635768.00

**NORTHINGS:** 4434679.00

**FIELD NAME:** NATURAL BUTTES

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU0281

**PROPOSED PRODUCING FORMATION(S):** MESA VERDE

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - NM2308
- ☐ **Potash**
- ☒ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 49-225
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:** CHAPITA WELLS
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 179-8
- Effective Date:** 8/10/1999
- Siting:** Suspends General Siting
- ☐ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
17 - Oil Shale 190-5(b) - dmason



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** CWU 1252-11

**API Well Number:** 43047503560000

**Lease Number:** UTU0281

**Surface Owner:** FEDERAL

**Approval Date:** 6/9/2009

**Issued to:**

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

**Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

**Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

**General:**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

**Notification Requirements:**

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

API Well No: 43047503560000

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

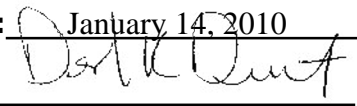
**Reporting Requirements:**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt", written over a horizontal line.

For Gil Hunt  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0281
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40, Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1252-11
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1637 FNL 2137 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 11 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503560000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/13/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER:         </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached. Float Equipment: Item 5 Please see the attached revised Drilling Plan reflecting the purposed changes.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> January 14, 2010 <b>By:</b> 
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/13/2010	



## DRILLING PLAN

### CHAPITA WELLS UNIT 1252-11 SE/NW, SEC. 11, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,949		Shale	
Birdsnest Zone	2,044		Dolomite	
Mahogany Oil Shale Bed	2,565		Shale	
Wasatch	4,930		Sandstone	
Chapita Wells	5,525		Sandstone	
Buck Canyon	6,198		Sandstone	
North Horn	6,872		Sandstone	
KMV Price River	7,418	Primary	Sandstone	Gas
KMV Price River Middle	8,267	Primary	Sandstone	Gas
KMV Price River Lower	9,053	Primary	Sandstone	Gas
Sego	9,574		Sandstone	
<b>TD</b>	<b>9,770</b>			

Estimated TD: **9,770' or 200'± below TD**

**Anticipated BHP: 5,334 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	40 – 60'	14"	32.5#	A252			1880 PSI	10,000#
Surface	12 1/4"	0-2,300 KB±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,00#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

## **DRILLING PLAN**

### **CHAPITA WELLS UNIT 1252-11** **SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

##### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3<sup>rd</sup> joint to 400' above the top of primary object. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

##### **Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

## **DRILLING PLAN**

### **CHAPITA WELLS UNIT 1252-11** **SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

#### **7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 1  
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### **8. EVALUATION PROGRAM:**

**Cased-hole Logs:**

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**CBL/CCL/VDL/GR**

## DRILLING PLAN

### CHAPITA WELLS UNIT 1252-11 SE/NW, SEC. 11, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### **9. CEMENT PROGRAM:**

##### **Surface Hole Procedure (Surface - 2300'±):**

- Lead:**            **185 sks**            Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail:**            **207 sks**            Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:**                            As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:**                                Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

##### **Production Hole Procedure (2300'± - TD)**

- Lead:**            **146 sks:**            Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail:**            **934 sks:**            50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:**                                The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

## **DRILLING PLAN**

### **CHAPITA WELLS UNIT 1252-11** **SE/NW, SEC. 11, T9S, R22E, S.L.B.&M.,** **UINTAH COUNTY, UTAH**

#### **10. ABNORMAL CONDITIONS:**

##### **Surface Hole (Surface - 2300'±):**

Lost circulation

##### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### **11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### **12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

#### **13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

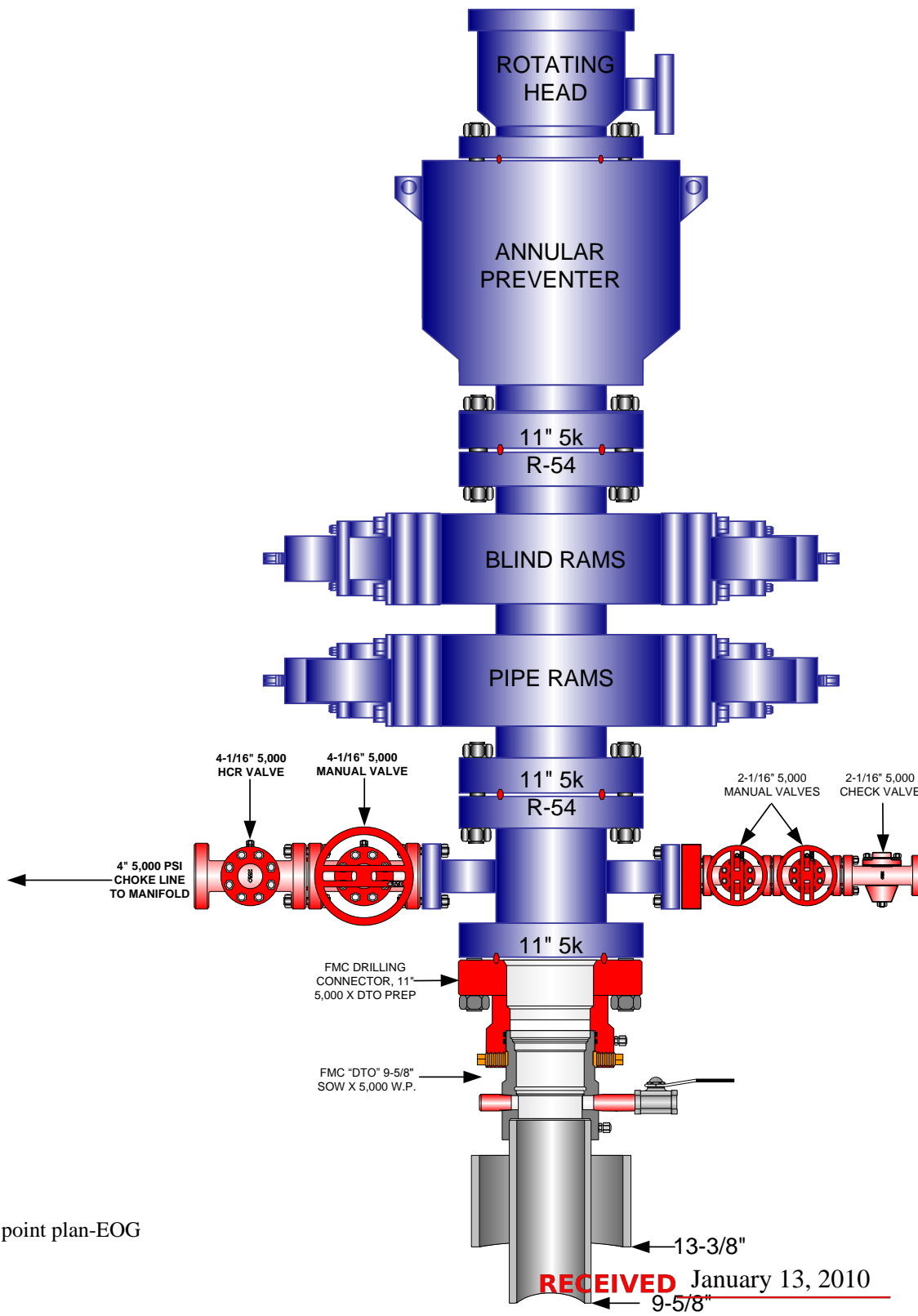
(Attachment: BOP Schematic Diagram)

# DRILLING PLAN

## CHAPITA WELLS UNIT 1252-11 SE/NW, SEC. 11, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION

PAGE 1 OF 2

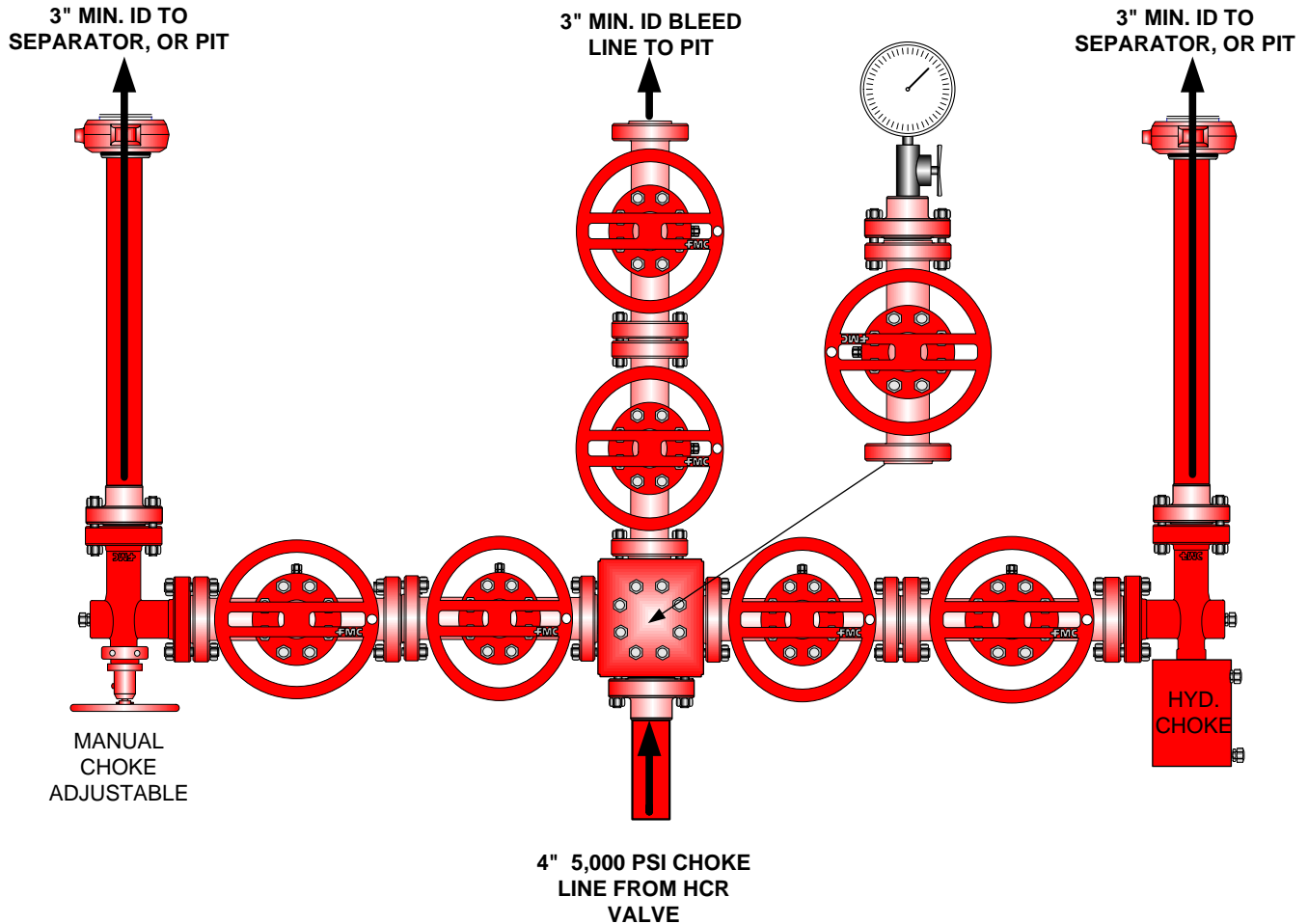


## DRILLING PLAN

CHAPITA WELLS UNIT 1252-11  
SE/NW, SEC. 11, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH

### EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



#### Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.

Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, w

4. whichever is greater.
5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0281			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS			
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1252-11			
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1637 FNL 2137 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 11 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503560000			
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/11/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input checked="" type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER:         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. Coyote Evaporation Ponds 1&2 7. RNI Disposal 8. Hoss SWD Wells ROW# UTU86010 & UTU897093					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>NAME (PLEASE PRINT)</b>            Mickenzie Gates         </div> <div> <b>PHONE NUMBER</b>            435 781-9145         </div> <div> <b>TITLE</b>            Operations Clerk         </div> </div>					
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <b>SIGNATURE</b>            N/A         </div> <div> <b>DATE</b>            5/13/2010         </div> </div>					



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0281
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<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1252-11
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1637 FNL 2137 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 11 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503560000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input checked="" type="checkbox"/> <b>SPUD REPORT</b> Date of Spud: 5/11/2010	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
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	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  The referenced well was spud on 5/11/2010.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> May 18, 2010		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/13/2010	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (307) 276-4842

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50356	CHAPITA WELLS UNIT 1252-11	SENW	11	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>AB</u>	99999	<u>13650</u>	5/11/2010	<u>5/18/10</u>		
Comments: <u>MESAVERDE</u>						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**  
**MAY 13 2010**

Mickenzie Gates

Name (Please Print)

*Mickenzie Gates*

Signature

Operations Clerk

Title

5/13/2010

Date

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/2/2010	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
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	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER</b>	
	OTHER:	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Drilling operations for the referenced well began on 5/27/2010. Please see the attached well chronology report for the referenced well showing all activity up to 6/2/2010.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> June 07, 2010		
<b>NAME (PLEASE PRINT)</b> Mckenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/2/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 06-01-2010

<b>Well Name</b>	CWU 1252-11	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50356	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>		<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,770/ 9,770	<b>Property #</b>	059228
<b>Water Depth</b>	0	<b>Last CSG</b>	9.625	<b>Shoe TVD / MD</b>	2,614/ 2,614
<b>KB / GL Elev</b>	4,789/ 4,776				
<b>Location</b>	Section 11, T9S, R22E, SENW, 1637 FNL & 2137 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	82.139316

<b>AFE No</b>	304072	<b>AFE Total</b>	1,436,800	<b>DHC / CWC</b>	625,800/ 811,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	04-19-2009
<b>04-19-2009</b>	<b>Reported By</b>	SHEILA MALLOY			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			1637' FNL & 2137' FWL (SE/NW)
			SECTION 11 T9S, R22E
			UINTAH COUNTY, UTAH
			LAT 40.053297, LONG 109.408950 (NAD 83)
			LAT 40.053333, LONG 109.408267 (NAD 27)
			TRUE #31
			OBJECTIVE: 9770' TD, MESAVERDE
			DW/GAS
			CHAPITA WELLS DEEP PROSPECT
			DD&A: CHAPITA WELLS DEEP
			NATURAL BUTTES FIELD
			LEASE: UTU-0281
			ELEVATION: ' NAT GL, 4776' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4776'), 4792' KB (16')
			EOG WI 100%, NRI 82.139316%

05-04-2010      Reported By      TERRY CSERE

**RECEIVED** June 02, 2010

<b>DailyCosts: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,000
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED, 5/4/10.

05-05-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 50% COMPLETE.

05-06-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 80% COMPLETE.

05-07-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. FINAL BLADE.

05-10-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 50% COMPLETE.

05-11-2010 Reported By TERRY CSERE/KENT DEVENPORT

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION/SPUD NOTIFICATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. GEL CLOSED LOOP TODAY. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 5/11/10 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 9:46 AM.

05-12-2010 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 100% COMPLETE, 5/12/10. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 5/11/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH HALLIBURTON. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 10:00 AM. NOTIFICATIONS SENT ON 5/10/2010.

05-27-2010 Reported By KERRY SALES

<b>Daily Costs: Drilling</b>	\$205,123	<b>Completion</b>	\$0	<b>Daily Total</b>	\$205,123
<b>Cum Costs: Drilling</b>	\$280,123	<b>Completion</b>	\$0	<b>Well Total</b>	\$280,123
<b>MD</b>	2,625	<b>TVD</b>	2,625	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 5/21/2010. DRILLED 12-1/4" HOLE TO 2609' GL (2625' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR, FOAM TO 1950'. PUMP DRILLED TO TD WITH NO LOSSES. RAN 62 JTS (2598.37') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2614.37' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIGS RIG #2.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/197 BBLS FRESH WATER. FCP 617 PSI, BUMPED PLUG W/980# @ 11:21 AM 05/26/10 FLOATS HELD. RETURNS OF CEMENT TO SURFACE 54 BBL'S. WOC .5 HOURS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 105 SX (21.5 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 3 BBL'S BACK. WAIT ON CEMENT 1.5 HOURS. WELL FULL AND STATIC, WASH UP WELL HEAD AND RIG DOWN.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG 4 TOOK SURVEYS WHILE DRILLING HOLE @ 1020' = 1 DEGREE, 1500' = 1.5 DEGREES, 1920' = 1 DEGREE AND 2609' = 2.5 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 05/24/10 @ 11:00 PM.

KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 05/24/10 AT 11:00 PM. STATE AND BLM NOTIFIED ON 05/23/2010 @ 16:26 HOURS.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0281
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1252-11
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1637 FNL 2137 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 11 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503560000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/1/2010	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Please see the attached well chronology report for the referenced well showing all activity up to 7/1/2010.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> July 07, 2010		
<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/1/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 07-01-2010

<b>Well Name</b>	CWU 1252-11	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50356	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	06-04-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,770/ 9,770	<b>Property #</b>	059228
<b>Water Depth</b>	0	<b>Last CSG</b>	4.5	<b>Shoe TVD / MD</b>	9,762/ 9,762
<b>KB / GL Elev</b>	4,789/ 4,776				
<b>Location</b>	Section 11, T9S, R22E, SENW, 1637 FNL & 2137 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	82.139

<b>AFE No</b>	304072	<b>AFE Total</b>	1,436,800	<b>DHC / CWC</b>	625,800/ 811,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	04-19-2009
<b>04-19-2009</b>	<b>Reported By</b>	SHEILA MALLOY			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			1637' FNL & 2137' FWL (SE/NW)
			SECTION 11 T9S, R22E
			UINTAH COUNTY, UTAH
			LAT 40.053297, LONG 109.408950 (NAD 83)
			LAT 40.053333, LONG 109.408267 (NAD 27)
			TRUE #31
			OBJECTIVE: 9770' TD, MESAVERDE
			DW/GAS
			CHAPITA WELLS DEEP PROSPECT
			DD&A: CHAPITA WELLS DEEP
			NATURAL BUTTES FIELD
			LEASE: UTU-0281
			ELEVATION: ' NAT GL, 4776' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4776'), 4792' KB (16')
			EOG WI 100%, NRI 82.139316%

05-04-2010      Reported By      TERRY CSERE

**RECEIVED** July 01, 2010

<b>DailyCosts: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,000
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED, 5/4/10.

05-05-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 50% COMPLETE.

05-06-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 80% COMPLETE.

05-07-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. FINAL BLADE.

05-10-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 50% COMPLETE.

05-11-2010 Reported By TERRY CSERE/KENT DEVENPORT

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** BUILD LOCATION/SPUD NOTIFICATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. GEL CLOSED LOOP TODAY. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 5/11/10 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 9:46 AM.

**05-12-2010**      **Reported By**      TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 100% COMPLETE, 5/12/10. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 5/11/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH HALLIBURTON. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 10:00 AM. NOTIFICATIONS SENT ON 5/10/2010.

**05-27-2010**      **Reported By**      KERRY SALES

<b>Daily Costs: Drilling</b>	\$211,058	<b>Completion</b>	\$0	<b>Daily Total</b>	\$211,058
<b>Cum Costs: Drilling</b>	\$287,862	<b>Completion</b>	\$0	<b>Well Total</b>	\$287,862
<b>MD</b>	2,625	<b>TVD</b>	2,625	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

**Activity at Report Time:** WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 5/21/2010. DRILLED 12-1/4" HOLE TO 2609' GL (2625' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR, FOAM TO 1950'. PUMP DRILLED TO TD WITH NO LOSSES. RAN 62 JTS (2598.37') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2614.37' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIGS RIG #2.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/197 BBLS FRESH WATER. FCP 617 PSI, BUMPED PLUG W/980# @ 11:21 AM 05/26/10 FLOATS HELD. RETURNS OF CEMENT TO SURFACE 54 BBL'S. WOC .5 HOURS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 105 SX (21.5 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 3 BBL'S BACK. WAIT ON CEMENT 1.5 HOURS. WELL FULL AND STATIC, WASH UP WELL HEAD AND RIG DOWN.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG 4 TOOK SURVEYS WHILE DRILLING HOLE @ 1020' = 1 DEGREE, 1500' = 1.5 DEGREES, 1920' = 1 DEGREE AND 2609' = 2.5 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 05/24/10 @ 11:00 PM.

KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 05/24/10 AT 11:00 PM. STATE AND BLM NOTIFIED ON 05/23/2010 @ 16:26 HOURS.

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**06-04-2010**      **Reported By**      MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$77,493	<b>Completion</b>	\$0	<b>Daily Total</b>	\$77,493
<b>Cum Costs: Drilling</b>	\$365,355	<b>Completion</b>	\$0	<b>Well Total</b>	\$365,355

**MD**      2,625      **TVD**      2,625      **Progress**      0      **Days**      0      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILL 9 5/8" SHOE TRACK

Start	End	Hrs	Activity Description
06:00	23:00	17.0	MOVE RIG .7 MILES FROM CWU 1253-11. CRANE RELEASED @ 13:00, DERRICK IN AIR @ 13:00. TRUCKS RELEASED @ 13:00. RURT.
23:00	02:00	3.0	RIG ON DAYWORK @ 23:00 HRS, 6-3-2010.

HSM. NIPPLE UP & TEST BOPE. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI HIGH ANNULAR PREVENTER. TEST CASING TO 1500 PSI FOR 30 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.

BLM NOTIFIED OF BOP TEST BY E-MAIL ON 6-2-2010 @ 06:00.

NO BLM REPRESENTATIVE TO WITNESS TEST.

02:00	05:00	3.0	HSM. R/U WEATHERFORD TRS. PICK UP BHA. TAG CEMENT @ 2535'. R/D TRS.
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05:00	05:30	0.5	PRE SPUD CHECK LIST
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DAY LIGHT TOUR SHORT ONE MAN, NO ACCIDENTS.

SAFETY MEETINGS - RURT, TEST BOP, P/U BHA.

FUEL - 3534,

05:30	06:00	0.5	DRILL CEMENT/FLOAT EQUIP.
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DAY LIGHT TOUR SHORT ONE MAN, NO ACCIDENTS.

SAFETY MEETINGS - RURT, TEST BOP, P/U BHA.

FUEL - 3534,

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**06-05-2010**      **Reported By**      MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$48,002	<b>Completion</b>	\$0	<b>Daily Total</b>	\$48,002
<b>Cum Costs: Drilling</b>	\$413,358	<b>Completion</b>	\$0	<b>Well Total</b>	\$413,358

**MD**      4,850      **TVD**      4,850      **Progress**      2,226      **Days**      1      **MW**      10.5      **Visc**      35.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 4850'

Start	End	Hrs	Activity Description
06:00	08:00	2.0	DRILL CEMENT AND FLOAT EQUIPMENT. FC @ 2569', GS @ 2614'. DRILL 10' TO 2624' - FIT TEST FOR 11.5 EMW.
08:00	08:30	0.5	RIG SERVICE.
08:30	10:30	2.0	DRILL 2614' - 2789. WOB 10-20K, RPM 55/70, SPP 1500 PSI, DP 350 PSI, ROP 350 FPH.
10:30	11:00	0.5	SURVEY @ 2789'.

11:00 19:00 8.0 DRILL F/ 2789' – 3929' ( 1140' WOB 10–20K, RPM 55/70, SPP 2000 PSI, DP 350 PSI, ROP 142.5 FPH.)  
 19:00 19:30 0.5 SURVEY @ 3850'.  
 19:30 06:00 10.5 DRILL F/ 3929' – 4850' ( 921' WOB 10–20K, RPM 55/70, SPP 2100 PSI, DP 350 PSI, ROP 88' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – SPINNING CHAIN & ELEC SAFETY

FUEL – 6250, USED – 1385.

MW – 10.6 PPG, VIS – 36.

PU/ 107 K SO 98K ROT 100 K

06:00 SPUE 7 7/8" HOLE AT 08:30 HRS, 6/4/10.

**06-06-2010**      **Reported By**      MIKE WOOLSEY

**DailyCosts: Drilling**      \$25,625      **Completion**      \$0      **Daily Total**      \$25,625  
**Cum Costs: Drilling**      \$435,417      **Completion**      \$0      **Well Total**      \$435,417

**MD**      4,850      **TVD**      4,850      **Progress**      1,300      **Days**      2      **MW**      10.6      **Visc**      37.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ @ 6100'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	SURVEY @ 4800'.
06:30	13:30	7.0	DRILL F/ 4850' – 5315' ( 465' WOB 10–20K, RPM 55/70, SPP 2200 PSI, DP 200–350 PSI, ROP 66.5' FPH.)
13:30	14:00	0.5	SERVICE RIG. CHECK COM.
14:00	06:00	16.0	DRILL F/5315' – 6100' ( 785' WOB 10–20K, RPM 55/70, SPP 2200 PSI, DP 200–350 PSI, ROP 49' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – ELEC SAFETY & FIRE SAFETY

FUEL – 4500, USED – 1750.

MW – 10.7 PPG, VIS – 37.

PU/ 130 K SO 117K ROT 120 K @ 6006'

NO LOSSES

**06-07-2010**      **Reported By**      MIKE WOOLSEY

**DailyCosts: Drilling**      \$34,651      **Completion**      \$0      **Daily Total**      \$34,651  
**Cum Costs: Drilling**      \$470,068      **Completion**      \$0      **Well Total**      \$470,068

**MD**      7,070      **TVD**      7,070      **Progress**      970      **Days**      3      **MW**      10.8      **Visc**      37.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7070'

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILL F/6100' – 6577' (477' WOB 10–20K, RPM 40/65, SPP 2200 PSI, DP 200–350 PSI, ROP 63.5' FPH.)
13:30	14:00	0.5	SERVICE RIG & CHECK COM.
14:00	06:00	16.0	DRILL F/6577' – 7070' ( 493' WOB 10–20K, RPM 40/65, SPP 2200 PSI, DP 200–350 PSI, ROP 31' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – FIRE SAFETY & HAND GRINDER SAFETY

FUEL – 2680, USED – 1820.

MW – 11.0 PPG, VIS – 38.

PU/ 145K SO 127K ROT 134 K @ 7000'

NO LOSSES

06-08-2010		Reported By		MIKE WOOLSEY							
DailyCosts: Drilling		\$39,723		Completion		\$0		Daily Total		\$39,723	
Cum Costs: Drilling		\$507,243		Completion		\$0		Well Total		\$507,243	
MD	7,839	TVD	7,839	Progress	769	Days	4	MW	11.0	Visc	37.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 7839'											

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILL F/7070' – 7333( 263' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 32' FPH.)
14:00	14:30	0.5	SERVICE RIG & CHECK COM
14:30	17:30	3.0	DRILL F/7333' – 7839' (506' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 31.6' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – HAND GRINDER SAFETY &amp; HAND TOOLS SAFETY

FUEL – 5287, USED – 1893. 4500 GALS DEL ON 6/7/10

MW – 11.2 PPG, VIS – 38.

PU/ 158K SO 132K ROT 140K @ 7800'

NO LOSSES

06-09-2010		Reported By		MIKE WOOLSEY							
DailyCosts: Drilling		\$25,153		Completion		\$0		Daily Total		\$25,153	
Cum Costs: Drilling		\$529,606		Completion		\$0		Well Total		\$529,606	
MD	8,411	TVD	8,411	Progress	457	Days	5	MW	11.3	Visc	36.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 8411'											

Start	End	Hrs	Activity Description
06:00	08:30	2.5	DRILL F/ 7839' – 7954' ( 115' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 46' FPH.)
08:30	09:30	1.0	CIRCULATE & BUILD PILL.
09:30	12:30	3.0	TRIP @ 7954'.
12:30	15:00	2.5	MAKE UP NEW BIT AND MUD MOTOR AND TRIP IN HOLE TO 4859'.
15:00	15:30	0.5	WASH & REAM F/ 4859' TO 4891'.
15:30	16:00	0.5	TRIP IN HOLE TO 7910'.
16:00	16:30	0.5	WASH & REAM F/ 7910' TO 7954', 44' OF FILL.
16:30	06:00	13.5	DRILL F/ 7954' – 8411' ( 457' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 34' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – HAND GRINDER SAFETY &amp; HAND TOOLS SAFETY

FUEL – 3822, USED – 1465.

MW – 11.3 PPG, VIS – 38.

PU/ 158K SO 132K ROT 140K @ 8400'

NO LOSSES

<b>06-10-2010</b>	<b>Reported By</b>		MIKE WOOLSEY							
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<b>DailyCosts: Drilling</b>	\$35,700	<b>Completion</b>	\$0	<b>Daily Total</b>	\$35,700
<b>Cum Costs: Drilling</b>	\$562,828	<b>Completion</b>	\$0	<b>Well Total</b>	\$562,828
<b>MD</b>	9,292	<b>TVD</b>	9,292	<b>Progress</b>	881
		<b>Days</b>	6	<b>MW</b>	11.3
<b>Visc</b>					36.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>

Activity at Report Time: DRILLING @ 9292'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/ 8411'-8678' ( 267' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 41' FPH.)
12:30	13:00	0.5	SERVICE RIG & CHECK COM.
13:00	06:00	17.0	DRILL F/ 8678'- 9292' ( 614' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 36' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - HOUSE KEEPING &amp; PROPER P.P.E

FUEL -2305, USED - 1517.

MW - 11.6 PPG, VIS - 38.

PU/ 163K SO 136K ROT 145K @ 9692'

NO LOSSES

06-11-2010 Reported By MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$33,630	<b>Completion</b>	\$0	<b>Daily Total</b>	\$33,630
<b>Cum Costs: Drilling</b>	\$596,458	<b>Completion</b>	\$0	<b>Well Total</b>	\$596,458
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	478
		<b>Days</b>	7	<b>MW</b>	11.6
<b>Visc</b>					39.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>

Activity at Report Time: LDDP

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILL F/ 9292'- 9609' ( 317' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 42' FPH.)
13:30	14:00	0.5	SERVICE RIG & CHECK COM.
14:00	19:00	5.0	DRILL F/ 9609' - 9770' ( 161' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 32' FPH.) REACHED TD AT 19:00 HRS, 6/10/10.
19:00	20:00	1.0	CIRCULATE & BUILD PILL FOR SHORT TRIP TO 4500'.
20:00	23:30	3.5	SHORT TRIP.
23:30	00:30	1.0	CIRCULATE & BUILD PILL HELD SAFETY MEETING WITH WEATHERFORD AND RIGGED UP LAY DOWN MACHINE.
00:30	06:00	5.5	LAY DOWN 4.5 DP.

MORNING TOUR SHORT ONE HAND, NO ACCIDENTS.

SAFETY MEETINGS - MAKING A CONECTION &amp; TRIPPING PIPE

FUEL -3450, USED - 1355. 2500 GALS OF FUEL DELEVERD TODAY

MW - 11.7 PPG, VIS - 39.

NO LOSSES

06-12-2010 Reported By MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$49,056	<b>Completion</b>	\$160,133	<b>Daily Total</b>	\$209,190
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$160,133	<b>Well Total</b>	\$805,649
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	0
		<b>Days</b>	8	<b>MW</b>	0.0
<b>Visc</b>					0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>

**Activity at Report Time: RDRT/NO COMPLETION**

Start	End	Hrs	Activity Description
06:00	07:30	1.5	LD DRILL PIPE.
07:30	08:00	0.5	PULL WEAR BUSHING.
08:00	09:00	1.0	RIG UP CASING CREW.
09:00	13:30	4.5	HSM W/ WEATHERFORD. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: FLOAT SHOE @ 9762', 1 JT CSG, FLOAT COLLAR @ 9717', 54 JTS CSG, MJ @ 7421', 68 JTS CSG, MJ @ 4538', 107 JTS CSG, MJ @ 24' (230TOTAL). P/U JT # 231, TAG BOTTOM @ 9770'. L/D JT # 231. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6457'. R/D TRS.
13:30	15:00	1.5	DROP THE BALL & CIRCULATE AND CONDITION F/CEMENT.
15:00	17:00	2.0	HSM, R/U HALLIBURTON. PRESSURE TEST LINES TO 5000 PSI, CEMENT WELL AS FOLLOWS: PUMP 10 BBLS FRESH WATER, PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 500 SX (164 BBLS, 894 CU/FT) LEAD Highbond 75 CEMENT @ 12 PPG, 1.84 YLD, H2O 9.86 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1390 SX (364 BBLS, 2032 CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, H2O 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG TANK, DROP PLUG AND DISPLACE W/151 BBLS FRESH WATER. FULL RETURNS THROUGHOUT, NO CEMENT RETURN TO SURFACE. MAX PRESSURE 2650 PSI, BUMPED PLUG TO 4200 PSI. BLEED BACK 2.5 BBLS, FLOAT HELD. PRESSURE BACK UP TO 1000 PSI. LEAVE CEMENT HEAD SHUT IN FOR 2 HOURS. R/D HALLIBURTON. PLUG DOWN @ 1600. R/D HALLIBURTON, CMT. BLM WAS NOTIFIED @ 11:00 ON 6-9-2010 NO REP WAS PRESENT.
17:00	19:00	2.0	CLEAN MUD TANKS.
19:00	19:30	0.5	BLEED OFF CEMENT HEAD AND REMOVE. PACK OFF AND TEST HANGER TO 5000 PSI.
19:30	06:00	10.5	RDRT. PREPARE TO MOVE 5.0 MILES TO CWU 1148-18 AT 07:00 ON 6-12-2010. DERRICK LAYED OVER @ 20:00.
			FUEL 2450 USED 1000 GALS
			FULL CREWS, NO ACCIDENTS.
			SAFETY MEETINGS - CEMENTING, BRIDAL UP.
			TRANSFER 4 JTS 4 1/2", 11.6#, N-80, LTC CSG(41.80', 41.65', 42.44', 42.75' THREADS OFF) 168.64' TOTAL AND 1 MJ 4 1/2", 11.6#, P-110, LTC (10.36' THREADS OFF) 10.36' TOTAL TO CWU 1148-18.
06:00			RELEASE RIG @ 19:30 HRS, 6-11-2010.
			CASING POINT COST \$644,517

<b>06-18-2010</b>	<b>Reported By</b>	SEARLE							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$18,500	<b>Daily Total</b>	\$18,500				
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$178,633	<b>Well Total</b>	\$824,149				
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0
<b>Visc</b>	0.0								
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>				

**Activity at Report Time: PREP FOR FRACS**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9652' TO 50'. EST CEMENT TOP @ 1120'. RDWL.

<b>06-25-2010</b>	<b>Reported By</b>	MCCURDY							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,318	<b>Daily Total</b>	\$2,318				
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$180,951	<b>Well Total</b>	\$826,467				

**MD** 9,770 **TVD** 9,770 **Progress** 0 **Days** 10 **MW** 0.0 **Visc** 0.0

**Formation :** **PBTD :** 0.0 **Perf :** **PKR Depth :** 0.0

**Activity at Report Time:** WO COMPLETION

**Start** **End** **Hrs** **Activity Description**

06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0281
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1252-11
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1637 FNL 2137 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 11 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503560000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/9/2010	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER:	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The referenced well was turned to sales on July 9, 2010. Please see the attached operations summary report for drilling and completions performed on the subject well.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> July 14, 2010		
<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/12/2010	

# WELL CHRONOLOGY REPORT

Report Generated On: 07-12-2010

<b>Well Name</b>	CWU 1252-11	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50356	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	06-04-2010	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,770/ 9,770	<b>Property #</b>	059228
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	0/ 0
<b>KB / GL Elev</b>	4,789/ 4,776				
<b>Location</b>	Section 11, T9S, R22E, SENW, 1637 FNL & 2137 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	82.139

<b>AFE No</b>	304072	<b>AFE Total</b>	1,436,800	<b>DHC / CWC</b>	625,800/ 811,000
<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #31	<b>Start Date</b>	04-19-2009
<b>04-19-2009</b>	<b>Reported By</b>	SHEILA MALLOY			
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			1637' FNL & 2137' FWL (SE/NW)
			SECTION 11 T9S, R22E
			UINTAH COUNTY, UTAH
			 LAT 40.053297, LONG 109.408950 (NAD 83)
			LAT 40.053333, LONG 109.408267 (NAD 27)
			 TRUE #31
			OBJECTIVE: 9770' TD, MESAVERDE
			DW/GAS
			CHAPITA WELLS DEEP PROSPECT
			DD&A: CHAPITA WELLS DEEP
			NATURAL BUTTES FIELD
			 LEASE: UTU-0281
			ELEVATION: ' NAT GL, 4776' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4776'), 4792' KB (16')
			 EOG WI 100%, NRI 82.139316%

05-04-2010      Reported By      TERRY CSERE

**RECEIVED** July 12, 2010

<b>DailyCosts: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Daily Total</b>	\$75,000
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED, 5/4/10.

05-05-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 50% COMPLETE.

05-06-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 80% COMPLETE.

05-07-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. FINAL BLADE.

05-10-2010 Reported By TERRY CSERE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CLOSED LOOP 50% COMPLETE.

05-11-2010 Reported By TERRY CSERE/KENT DEVENPORT



<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION/SPUD NOTIFICATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. GEL CLOSED LOOP TODAY. CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 5/11/10 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 9:46 AM.

05-12-2010 Reported By TERRY CSERE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$75,000	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,000
<b>MD</b>	60	<b>TVD</b>	60	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION IS 100% COMPLETE, 5/12/10. CRAIG'S ROUSTABOUT SERVICE SPUDS A 20" HOLE ON 5/11/2010 @ 10:00 AM. SET +/-60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH HALLIBURTON. CAROL DANIELS W/UDOGM WAS NOTIFIED BY PHONE MESSAGE AND BLM WAS NOTIFIED BY EMAIL OF SPUD ON 5/11/10 @ 10:00 AM. NOTIFICATIONS SENT ON 5/10/2010.

05-27-2010 Reported By KERRY SALES

<b>Daily Costs: Drilling</b>	\$211,058	<b>Completion</b>	\$0	<b>Daily Total</b>	\$211,058
<b>Cum Costs: Drilling</b>	\$287,862	<b>Completion</b>	\$0	<b>Well Total</b>	\$287,862
<b>MD</b>	2,625	<b>TVD</b>	2,625	<b>Progress</b>	0
<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>		<b>Perf :</b>	<b>PKR Depth : 0.0</b>	

Activity at Report Time: WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 5/21/2010. DRILLED 12-1/4" HOLE TO 2609' GL (2625' KB). ENCOUNTERED NO WATER. DRILLED WITH AIR, FOAM TO 1950'. PUMP DRILLED TO TD WITH NO LOSSES. RAN 62 JTS (2598.37') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2614.37' KB. RAN 200' OF 1" PIPE DOWN BACK SIDE. RDMO CRAIGS RIG #2.

MIRU: HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 2000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. LEAD: MIXED AND PUMPED 250 SACKS (183 BBLS) OF PREMIUM LEAD CEMENT 10.5 PPG, YIELD 4.1 WITH 0.2% VARSET, 2% CALSEAL, AND 2% EX-1. TAIL: MIXED AND PUMPED 300 SACKS (63 BBLS) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/197 BBLS FRESH WATER. FCP 617 PSI, BUMPED PLUG W/980# @ 11:21 AM 05/26/10 FLOATS HELD. RETURNS OF CEMENT TO SURFACE 54 BBL'S. WOC .5 HOURS.

TOP JOB # 1: DOWN 200' OF 1" PIPE, MIXED & PUMPED 105 SX (21.5 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. 3 BBL'S BACK. WAIT ON CEMENT 1.5 HOURS. WELL FULL AND STATIC, WASH UP WELL HEAD AND RIG DOWN.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

CRAIGS RIG 4 TOOK SURVEYS WHILE DRILLING HOLE @ 1020' = 1 DEGREE, 1500' = 1.5 DEGREES, 1920' = 1 DEGREE AND 2609' = 2.5 DEGREES.

KERRY SALE NOTIFIED THE BLM VIA EMAIL OF THE SURFACE CASING & CEMENT JOB ON 05/24/10 @ 11:00 PM.

KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 05/24/10 AT 11:00 PM. STATE AND BLM NOTIFIED ON 05/23/2010 @ 16:26 HOURS.

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**06-04-2010**      **Reported By**      MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$77,493	<b>Completion</b>	\$0	<b>Daily Total</b>	\$77,493
<b>Cum Costs: Drilling</b>	\$365,355	<b>Completion</b>	\$0	<b>Well Total</b>	\$365,355

**MD**      2,625      **TVD**      2,625      **Progress**      0      **Days**      0      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILL 9 5/8" SHOE TRACK

Start	End	Hrs	Activity Description
06:00	23:00	17.0	MOVE RIG .7 MILES FROM CWU 1253-11. CRANE RELEASED @ 13:00, DERRICK IN AIR @ 13:00. TRUCKS RELEASED @ 13:00. RURT.
23:00	02:00	3.0	RIG ON DAYWORK @ 23:00 HRS, 6-3-2010.

HSM. NIPPLE UP & TEST BOPE. TEST HIGH 5000 PSI, UPPER AND LOWER KELLY VALVE, SAFETY AND DART VALVE, PIPE AND BLIND RAMS, HCR, KILL LINE AND VALVE, CHOKE LINE, CHOKE VALVE, MANIFOLD. TEST HIGH 1500 PSI HIGH ANNULAR PREVENTER. TEST CASING TO 1500 PSI FOR 30 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.

BLM NOTIFIED OF BOP TEST BY E-MAIL ON 6-2-2010 @ 06:00.

NO BLM REPRESENTATIVE TO WITNESS TEST.

02:00	05:00	3.0	HSM. R/U WEATHERFORD TRS. PICK UP BHA. TAG CEMENT @ 2535'. R/D TRS.
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05:00	05:30	0.5	PRE SPUD CHECK LIST
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DAY LIGHT TOUR SHORT ONE MAN, NO ACCIDENTS.

SAFETY MEETINGS - RURT, TEST BOP, P/U BHA.

FUEL - 3534,

05:30	06:00	0.5	DRILL CEMENT/FLOAT EQUIP.
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DAY LIGHT TOUR SHORT ONE MAN, NO ACCIDENTS.

SAFETY MEETINGS - RURT, TEST BOP, P/U BHA.

FUEL - 3534,

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**06-05-2010**      **Reported By**      MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$48,002	<b>Completion</b>	\$0	<b>Daily Total</b>	\$48,002
<b>Cum Costs: Drilling</b>	\$413,358	<b>Completion</b>	\$0	<b>Well Total</b>	\$413,358

**MD**      4,850      **TVD**      4,850      **Progress**      2,226      **Days**      1      **MW**      10.5      **Visc**      35.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 4850'

Start	End	Hrs	Activity Description
06:00	08:00	2.0	DRILL CEMENT AND FLOAT EQUIPMENT. FC @ 2569', GS @ 2614'. DRILL 10' TO 2624' - FIT TEST FOR 11.5 EMW.
08:00	08:30	0.5	RIG SERVICE.
08:30	10:30	2.0	DRILL 2614' - 2789. WOB 10-20K, RPM 55/70, SPP 1500 PSI, DP 350 PSI, ROP 350 FPH.
10:30	11:00	0.5	SURVEY @ 2789'.

11:00 19:00 8.0 DRILL F/ 2789' – 3929' ( 1140' WOB 10–20K, RPM 55/70, SPP 2000 PSI, DP 350 PSI, ROP 142.5 FPH.)  
 19:00 19:30 0.5 SURVEY @ 3850'.  
 19:30 06:00 10.5 DRILL F/ 3929' – 4850' ( 921' WOB 10–20K, RPM 55/70, SPP 2100 PSI, DP 350 PSI, ROP 88' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – SPINNING CHAIN & ELEC SAFETY

FUEL – 6250, USED – 1385.

MW – 10.6 PPG, VIS – 36.

PU/ 107 K SO 98K ROT 100 K

06:00 SPUE 7 7/8" HOLE AT 08:30 HRS, 6/4/10.

**06-06-2010**      **Reported By**      MIKE WOOLSEY

**DailyCosts: Drilling**      \$25,625      **Completion**      \$0      **Daily Total**      \$25,625  
**Cum Costs: Drilling**      \$435,417      **Completion**      \$0      **Well Total**      \$435,417

**MD**      4,850      **TVD**      4,850      **Progress**      1,300      **Days**      2      **MW**      10.6      **Visc**      37.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ @ 6100'

Start	End	Hrs	Activity Description
06:00	06:30	0.5	SURVEY @ 4800'.
06:30	13:30	7.0	DRILL F/ 4850' – 5315' ( 465' WOB 10–20K, RPM 55/70, SPP 2200 PSI, DP 200–350 PSI, ROP 66.5' FPH.)
13:30	14:00	0.5	SERVICE RIG. CHECK COM.
14:00	06:00	16.0	DRILL F/5315' – 6100' ( 785' WOB 10–20K, RPM 55/70, SPP 2200 PSI, DP 200–350 PSI, ROP 49' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – ELEC SAFETY & FIRE SAFETY

FUEL – 4500, USED – 1750.

MW – 10.7 PPG, VIS – 37.

PU/ 130 K SO 117K ROT 120 K @ 6006'

NO LOSSES

**06-07-2010**      **Reported By**      MIKE WOOLSEY

**DailyCosts: Drilling**      \$34,651      **Completion**      \$0      **Daily Total**      \$34,651  
**Cum Costs: Drilling**      \$470,068      **Completion**      \$0      **Well Total**      \$470,068

**MD**      7,070      **TVD**      7,070      **Progress**      970      **Days**      3      **MW**      10.8      **Visc**      37.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** DRILLING @ 7070'

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILL F/6100' – 6577' (477' WOB 10–20K, RPM 40/65, SPP 2200 PSI, DP 200–350 PSI, ROP 63.5' FPH.)
13:30	14:00	0.5	SERVICE RIG & CHECK COM.
14:00	06:00	16.0	DRILL F/6577' – 7070' ( 493' WOB 10–20K, RPM 40/65, SPP 2200 PSI, DP 200–350 PSI, ROP 31' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – FIRE SAFETY & HAND GRINDER SAFETY

FUEL – 2680, USED – 1820.

MW – 11.0 PPG, VIS – 38.

PU/ 145K SO 127K ROT 134 K @ 7000'

NO LOSSES

06-08-2010		Reported By		MIKE WOOLSEY							
DailyCosts: Drilling		\$39,723		Completion		\$0		Daily Total		\$39,723	
Cum Costs: Drilling		\$507,243		Completion		\$0		Well Total		\$507,243	
MD	7,839	TVD	7,839	Progress	769	Days	4	MW	11.0	Visc	37.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 7839'											

Start	End	Hrs	Activity Description
06:00	14:00	8.0	DRILL F/7070' – 7333( 263' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 32' FPH.)
14:00	14:30	0.5	SERVICE RIG & CHECK COM
14:30	17:30	3.0	DRILL F/7333' – 7839' (506' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 31.6' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – HAND GRINDER SAFETY &amp; HAND TOOLS SAFETY

FUEL – 5287, USED – 1893. 4500 GALS DEL ON 6/7/10

MW – 11.2 PPG, VIS – 38.

PU/ 158K SO 132K ROT 140K @ 7800'

NO LOSSES

06-09-2010		Reported By		MIKE WOOLSEY							
DailyCosts: Drilling		\$25,153		Completion		\$0		Daily Total		\$25,153	
Cum Costs: Drilling		\$529,606		Completion		\$0		Well Total		\$529,606	
MD	8,411	TVD	8,411	Progress	457	Days	5	MW	11.3	Visc	36.0
Formation :			PBTD : 0.0			Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 8411'											

Start	End	Hrs	Activity Description
06:00	08:30	2.5	DRILL F/ 7839' – 7954' ( 115' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 46' FPH.)
08:30	09:30	1.0	CIRCULATE & BUILD PILL.
09:30	12:30	3.0	TRIP @ 7954'.
12:30	15:00	2.5	MAKE UP NEW BIT AND MUD MOTOR AND TRIP IN HOLE TO 4859'.
15:00	15:30	0.5	WASH & REAM F/ 4859' TO 4891'.
15:30	16:00	0.5	TRIP IN HOLE TO 7910'.
16:00	16:30	0.5	WASH & REAM F/ 7910' TO 7954', 44' OF FILL.
16:30	06:00	13.5	DRILL F/ 7954' – 8411' ( 457' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 34' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – HAND GRINDER SAFETY &amp; HAND TOOLS SAFETY

FUEL – 3822, USED – 1465.

MW – 11.3 PPG, VIS – 38.

PU/ 158K SO 132K ROT 140K @ 8400'

NO LOSSES

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<b>06-10-2010</b>	<b>Reported By</b>		MIKE WOOLSEY							
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<b>DailyCosts: Drilling</b>	\$35,700	<b>Completion</b>	\$0	<b>Daily Total</b>	\$35,700
<b>Cum Costs: Drilling</b>	\$562,828	<b>Completion</b>	\$0	<b>Well Total</b>	\$562,828
<b>MD</b>	9,292	<b>TVD</b>	9,292	<b>Progress</b>	881
		<b>Days</b>	6	<b>MW</b>	11.3
<b>Visc</b>					36.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
				<b>PKR Depth : 0.0</b>	

Activity at Report Time: DRILLING @ 9292'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/ 8411'-8678' ( 267' WOB 10-20K, RPM 40/65, SPP 2200 PSI, DP 200-350 PSI, ROP 41' FPH.)
12:30	13:00	0.5	SERVICE RIG & CHECK COM.
13:00	06:00	17.0	DRILL F/ 8678'- 9292' ( 614' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 36' FPH.)

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS - HOUSE KEEPING &amp; PROPER P.P.E

FUEL -2305, USED - 1517.

MW - 11.6 PPG, VIS - 38.

PU/ 163K SO 136K ROT 145K @ 9692'

NO LOSSES

06-11-2010 Reported By MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$33,630	<b>Completion</b>	\$0	<b>Daily Total</b>	\$33,630
<b>Cum Costs: Drilling</b>	\$596,458	<b>Completion</b>	\$0	<b>Well Total</b>	\$596,458
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	478
		<b>Days</b>	7	<b>MW</b>	11.6
<b>Visc</b>					39.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
				<b>PKR Depth : 0.0</b>	

Activity at Report Time: LDDP

Start	End	Hrs	Activity Description
06:00	13:30	7.5	DRILL F/ 9292'- 9609' ( 317' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 42' FPH.)
13:30	14:00	0.5	SERVICE RIG & CHECK COM.
14:00	19:00	5.0	DRILL F/ 9609' - 9770' ( 161' WOB 10-20K, RPM 40/65, SPP 2300 PSI, DP 200-350 PSI, ROP 32' FPH.) REACHED TD AT 19:00 HRS, 6/10/10.
19:00	20:00	1.0	CIRCULATE & BUILD PILL FOR SHORT TRIP TO 4500'.
20:00	23:30	3.5	SHORT TRIP.
23:30	00:30	1.0	CIRCULATE & BUILD PILL HELD SAFETY MEETING WITH WEATHERFORD AND RIGGED UP LAY DOWN MACHINE.
00:30	06:00	5.5	LAY DOWN 4.5 DP.

MORNING TOUR SHORT ONE HAND, NO ACCIDENTS.

SAFETY MEETINGS - MAKING A CONECTION &amp; TRIPPING PIPE

FUEL -3450, USED - 1355. 2500 GALS OF FUEL DELEVERD TODAY

MW - 11.7 PPG, VIS - 39.

NO LOSSES

06-12-2010 Reported By MIKE WOOLSEY

<b>DailyCosts: Drilling</b>	\$49,056	<b>Completion</b>	\$160,133	<b>Daily Total</b>	\$209,190
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$160,133	<b>Well Total</b>	\$805,649
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	0
		<b>Days</b>	8	<b>MW</b>	0.0
<b>Visc</b>					0.0
<b>Formation :</b>		<b>PBTD : 0.0</b>		<b>Perf :</b>	
				<b>PKR Depth : 0.0</b>	

**Activity at Report Time: RDRT/NO COMPLETION**

Start	End	Hrs	Activity Description
06:00	07:30	1.5	LD DRILL PIPE.
07:30	08:00	0.5	PULL WEAR BUSHING.
08:00	09:00	1.0	RIG UP CASING CREW.
09:00	13:30	4.5	HSM W/ WEATHERFORD. RUN 4 1/2", 11.6#, N-80, LT&C CSG AS FOLLOWS: FLOAT SHOE @ 9762', 1 JT CSG, FLOAT COLLAR @ 9717', 54 JTS CSG, MJ @ 7421', 68 JTS CSG, MJ @ 4538', 107 JTS CSG, MJ @ 24' (230TOTAL). P/U JT # 231, TAG BOTTOM @ 9770'. L/D JT # 231. P/U MCH, LJ. INSTALL ROTATING RUBBER, LAND MCH FOR CEMENT. RAN TURBULIZERS ON BOTTOM THREE JOINTS, 25 BOW SPRING CENTRALIZERS ON EVERY THIRD JT TO 6457'. R/D TRS.
13:30	15:00	1.5	DROP THE BALL & CIRCULATE AND CONDITION F/CEMENT.
15:00	17:00	2.0	HSM, R/U HALLIBURTON. PRESSURE TEST LINES TO 5000 PSI, CEMENT WELL AS FOLLOWS: PUMP 10 BBLS FRESH WATER, PUMP 20 BBLS MUD FLUSH, MIX AND PUMP 500 SX (164 BBLS, 894 CU/FT) LEAD Highbond 75 CEMENT @ 12 PPG, 1.84 YLD, H2O 9.86 GAL/SK + 4% BENTONITE + .3% VERSASET. MIX AND PUMP 1390 SX (364 BBLS, 2032 CU/FT) TAIL EXTENDACEM CEMENT @ 13.5 PPG, 1.47 YLD, H2O 6.98 GAL/SK + .125 LBM POLY-E-FLAKE. WASH UP TO RIG TANK, DROP PLUG AND DISPLACE W/151 BBLS FRESH WATER. FULL RETURNS THROUGHOUT, NO CEMENT RETURN TO SURFACE. MAX PRESSURE 2650 PSI, BUMPED PLUG TO 4200 PSI. BLEED BACK 2.5 BBLS, FLOAT HELD. PRESSURE BACK UP TO 1000 PSI. LEAVE CEMENT HEAD SHUT IN FOR 2 HOURS. R/D HALLIBURTON. PLUG DOWN @ 1600. R/D HALLIBURTON, CMT. BLM WAS NOTIFIED @ 11:00 ON 6-9-2010 NO REP WAS PRESENT.
17:00	19:00	2.0	CLEAN MUD TANKS.
19:00	19:30	0.5	BLEED OFF CEMENT HEAD AND REMOVE. PACK OFF AND TEST HANGER TO 5000 PSI.
19:30	06:00	10.5	RDRT. PREPARE TO MOVE 5.0 MILES TO CWU 1148-18 AT 07:00 ON 6-12-2010. DERRICK LAYED OVER @ 20:00.
			FUEL 2450 USED 1000 GALS
			FULL CREWS, NO ACCIDENTS.
			SAFETY MEETINGS - CEMENTING, BRIDAL UP.
			TRANSFER 4 JTS 4 1/2", 11.6#, N-80, LTC CSG(41.80', 41.65', 42.44', 42.75' THREADS OFF) 168.64' TOTAL AND 1 MJ 4 1/2", 11.6#, P-110, LTC (10.36' THREADS OFF) 10.36' TOTAL TO CWU 1148-18.
06:00			RELEASE RIG @ 19:30 HRS, 6-11-2010.
			CASING POINT COST \$644,517

<b>06-18-2010</b>	<b>Reported By</b>	SEARLE							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$18,500	<b>Daily Total</b>	\$18,500				
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$178,633	<b>Well Total</b>	\$824,149				
<b>MD</b>	9,770	<b>TVD</b>	9,770	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0
<b>Visc</b>	0.0								
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>				

**Activity at Report Time: PREP FOR FRACS**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FROM 9652' TO 50'. EST CEMENT TOP @ 1120'. RDWL.

<b>06-25-2010</b>	<b>Reported By</b>	MCCURDY							
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$2,318	<b>Daily Total</b>	\$2,318				
<b>Cum Costs: Drilling</b>	\$645,515	<b>Completion</b>	\$180,951	<b>Well Total</b>	\$826,467				



MD 9,770 TVD 9,770 Progress 0 Days 10 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: WO COMPLETION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.

07-03-2010 Reported By HISLOP

Daily Costs: Drilling \$0 Completion \$242,528 Daily Total \$242,528

Cum Costs: Drilling \$645,515 Completion \$423,480 Well Total \$1,068,996

MD 9,770 TVD 9,770 Progress 0 Days 10 MW 0.0 Visc 0.0

Formation : MEASEVERDE PBTD : 9718.0 Perf : 7435' - 9509' PKR Depth : 0.0

Activity at Report Time: MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	STAGE #1: RU CUTTERS WIRELINE & PERFORATE LPR FROM 9185'-86', 9194'-95', 9226'-27', 9234'-35', 9242'-43', 9330'-31', 9335'-36', 9348'-49', 9371'-72', 9395'-96', 9450'-51', 9491'-92', 9496'-97', 9508'-09' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 8063 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 28887 GAL 16# DELTA 200 W/96500# 20/40 SAND @ 2-5 PPG. MTP 6463 PSIG. MTR 50.9 BPM. ATP 5784 PSIG. ATR 38.6 BPM. ISIP 2875 PSIG. RD HALLIBURTON.

STAGE #2: RUWL. SET 6K CFP AT 9150'. PERFORATE MPR/LPR FROM 8898'-99', 8914'-15', 8920'-21', 8934'-35', 8952'-53', 8960'-61', 8985'-86', 9036'-37', 9045'-46', 9052'-53', 9066'-67', 9086'-87', 9098'-99', 9127'-28' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7587 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 42802 GAL 16# DELTA 200 W/146400# 20/40 SAND @ 2-5 PPG. MTP 6109 PSIG. MTR 52.0 BPM. ATP 4700 PSIG. ATR 49.7 BPM. ISIP 3488 PSIG. RD HALLIBURTON.

STAGE #3: RUWL. SET 6K CFP AT 8870'. PERFORATE MPR FROM 8571'-72', 8583'-84', 8603'-04', 8660'-61', 8668'-69', 8730'-31', 8739'-40', 8750'-51', 8757'-58', 8773'-74', 8810'-11', 8815'-16', 8825'-26', 8854'-55' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7503 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 38913 GAL 16# DELTA 200 W/119000# 20/40 SAND @ 2-4 PPG. MTP 6210 PSIG. MTR 51.6 BPM. ATP 5774 PSIG. ATR 42.7 BPM. ISIP 3699 PSIG. RD HALLIBURTON.

STAGE #4: RUWL. SET 6K CFP AT 8535'. PERFORATE UPR/MPR FROM 8259'-60', 8268'-69', 8287'-88', 8294'-95', 8314'-15', 8332'-33', 8365'-66', 8377'-78', 8427'-28', 8450'-51', 8458'-59', 8471'-72', 8504'-05' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7494 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 48952 GAL 16# DELTA 200 W/167100# 20/40 SAND @ 2-5 PPG. MTP 6182 PSIG. MTR 50.9 BPM. ATP 4968 PSIG. ATR 46.0 BPM. ISIP 2582 PSIG. RD HALLIBURTON.

STAGE #5: RUWL. SET 6K CFP AT 8225'. PERFORATE UPR FROM 7968'-69', 7983'-84', 8052'-53', 8059'-60', 8065'-66', 8070'-71', 8082'-83', 8089'-90', 8137'-38', 8183'-84', 8191'-92', 8200'-01' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7564 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 25902 GAL 16# DELTA 200 W/84600# 20/40 SAND @ 2-5 PPG. MTP 6199 PSIG. MTR 51.1 BPM. ATP 4470 PSIG. ATR 48.4 BPM. ISIP 2579 PSIG. RD HALLIBURTON.

STAGE #6: RUWL. SET 6K CFP AT 7930'. PERFORATE UPR FROM 7708'-09', 7711'-12', 7763'-64', 7778'-79', 7784'-85', 7798'-99', 7805'-06', 7810'-11', 7830'-31', 7858'-59', 7889'-90', 7908'-09' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7540 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 29665 GAL 16# DELTA 200 W/98900# 20/40 SAND @ 2-5 PPG. MTP 5896 PSIG. MTR 50.1 BPM. ATP 4715 PSIG. ATR 50.4 BPM. ISIP 3055 PSIG. RD HALLIBURTON.

STAGE #7: RUWL. SET 6K CFP AT 7670'. PERFORATE UPR FROM 7435'-36', 7443'-44', 7457'-58', 7474'-75', 7489'-90', 7497'-98', 7511'-12', 7535'-36', 7544'-45', 7566'-67', 7623'-24', 7630'-31', 7636'-37', 7645'-46' @ 2 SPF & 180 DEGREE PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/55 GAL (BIO 500), 165 GAL (WSI 7360), 7563 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 36839 GAL 16# DELTA 200 W/121830# 20/40 SAND @ 2-5 PPG. MTP 6203 PSIG. MTR 51.0 BPM. ATP 4036 PSIG. ATR 48.8 BPM. ISIP 2022 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 7354'. RD CUTTERS WIRELINE. SDFN.

07-08-2010		Reported By		HISLOP							
DailyCosts: Drilling		\$0		Completion		\$37,640		Daily Total		\$37,640	
Cum Costs: Drilling		\$645,515		Completion		\$461,120		Well Total		\$1,106,636	
MD	9,770	TVD	9,770	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation : MEASEVERDE			PBTD : 9718.0			Perf : 7435' – 9509'			PKR Depth : 0.0		
Activity at Report Time: POST FRAC CLEAN OUT											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	SICP 0 PSIG. MIRUSU. ND FRAC TREE & NU BOP. PRESSURE TESTED BOP & BLIND RAMS TO 3000 PSIG. RIH W/BIT & PUMP OFF SUB TO 7354'. PRESSURE TESTED SINGLE & DOUBLE PIPE RAMS TO 3000 PSIG. RU TO DRILL OUT PLUGS. SDFN.								

07-09-2010		Reported By		HISLOP							
DailyCosts: Drilling		\$0		Completion		\$55,213		Daily Total		\$55,213	
Cum Costs: Drilling		\$645,515		Completion		\$516,333		Well Total		\$1,161,849	
MD	9,770	TVD	9,770	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation : MEASEVERDE			PBTD : 9718.0			Perf : 7435' – 9509'			PKR Depth : 0.0		
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 7354', 7670', 7930', 8225', 8535', 8870', & 9150' . CLEANED OUT TO 9615' . LANDED TUBING @ 8224' KB. ND BOP & NU TREE. PUMPED OFF BIT & SUB. RDMOSU.								

FLOWED 16 HRS. 24/64" CHOKE. FTP 1550 PSIG. CP 2400 PSIG. 77 BFPH. RECOVERED 1292 BLW. 6908 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF BIT SUB .91'  
 1 JT 2-3/8" 4.7# N-80 TBG 29.95'  
 XN NIPPLE 1.30'  
 249 JTS 2-3/8" 4.7# N-80 TBG 8105.29'  
 BELOW KB 16.00'  
 LANDED @ 8153.45' KB

07-10-2010		Reported By		HISLOP							
DailyCosts: Drilling		\$0		Completion		\$2,835		Daily Total		\$2,835	
Cum Costs: Drilling		\$645,515		Completion		\$519,168		Well Total		\$1,164,684	
MD	9,770	TVD	9,770	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : MEASEVERDE			PBTD : 9718.0			Perf : 7435' – 9509'			PKR Depth : 0.0		
Activity at Report Time: FLOW TESTING THROUGH BRECO UNIT TO SALES											

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1350 PSIG. CP 2300 PSIG. 54 BFPH. RECOVERED 1483 BLW. 5425 BLWTR. 1650 MCFD RATE.

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**07-11-2010**      **Reported By**      HISLOP

**Daily Costs: Drilling**      \$0      **Completion**      \$2,835      **Daily Total**      \$2,835

**Cum Costs: Drilling**      \$645,515      **Completion**      \$522,003      **Well Total**      \$1,167,519

**MD**      9,770      **TVD**      9,770      **Progress**      0      **Days**      14      **MW**      0.0      **Visc**      0.0

**Formation :** MEASEVERDE      **PBTD :** 9718.0      **Perf :** 7435' - 9509'      **PKR Depth :** 0.0

**Activity at Report Time:** FLOW TESTING THROUGH BRECO UNIT TO SALES

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1900 PSIG. 45 BFPH. RECOVERED 1353 BLW. 4253 BLWTR. 1635 MCFD RATE.
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**07-12-2010**      **Reported By**      HISLOP

**Daily Costs: Drilling**      \$0      **Completion**      \$2,835      **Daily Total**      \$2,835

**Cum Costs: Drilling**      \$645,515      **Completion**      \$524,838      **Well Total**      \$1,170,354

**MD**      9,770      **TVD**      9,770      **Progress**      0      **Days**      15      **MW**      0.0      **Visc**      0.0

**Formation :** MEASEVERDE      **PBTD :** 9718.0      **Perf :** 7435' - 9509'      **PKR Depth :** 0.0

**Activity at Report Time:** FLOW TEST TO SALES

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	FLOWED THROUGH TEST UNIT TO SALES. 24 HRS. 24/64" CHOKE. FTP 900 PSIG. CP 1650 PSIG. 39 BFPH. RECOVERED 1008 BLW. 3245 BLWTR. 1553 MCFD RATE.
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU0281

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. CHAPITA WELLS		
2. Name of Operator EOG RESOURCES, INC.			Contact: MICKENZIE GATES E-Mail: MICKENZIE_GATES@EOGRESOURCES.COM		
3. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078			3a. Phone No. (include area code) Ph: 453-781-9145		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENW 1637FNL 2137FWL 40.05330 N Lat, 109.40895 W Lon At top prod interval reported below SENW 1637FNL 2137FWL 40.05330 N Lat, 109.40895 W Lon At total depth SENW 1637FNL 2137FWL 40.05330 N Lat, 109.40895 W Lon			8. Lease Name and Well No. CHAPITA WELLS UNIT 1252-11		
14. Date Spudded 05/11/2010			15. Date T.D. Reached 06/10/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/09/2010			9. API Well No. 43-047-50356		
18. Total Depth: MD 9770 TVD			19. Plug Back T.D.: MD 9718 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory NATURAL BUTTES		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/CCL/VDL/GR			11. Sec., T., R., M., or Block and Survey or Area Sec 11 T9S R22E Mer SLB		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish UINTAH		
			13. State UT		
			17. Elevations (DF, KB, RT, GL)* 4776 GL		

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0		2614		655		0	
7.875	4.500 N-80	11.6		9762		1890		1120	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8153							

## 25. Producing Intervals

## 26. Perforation Record

7435

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7435	9509	9185 TO 9509		2	
B)			8898 TO 9128		2	
C)			8571 TO 8855		2	
D)			8259 TO 8505		2	

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9185 TO 9509	37,170 GALS OF GELLED WATER & 106,000# 20/40 SAND
8898 TO 9128	50,609 GALS OF GELLED WATER & 156,000# 20/40 SAND
8571 TO 8855	46,636 GALS OF GELLED WATER & 128,600# 20/40 SAND
8259 TO 8505	56,666 GALS OF GELLED WATER & 176,700# 20/40 SAND

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/09/2010	07/18/2010	24	→	70.0	1223.0	280.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	650	1000.0	→	70	1223	280		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #91028 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

RECEIVED  
AUG 16 2010  
DIVISION OF OIL, GAS & MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MESAVERDE	7435	9509		GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER	1644 1965 2561 4803 4928 5523 6212 7432

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

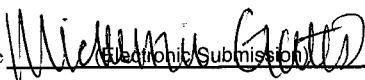
## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #91028 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MICKENZIE GATES

Title OPERATIONS CLERK

Signature



Date 08/06/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Chapita Wells Unit 1252-11 - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

7968-8201	3/spf
7708-7909	3/spf
7435-7646	2/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

7968-8201	33,686 GALS GELLED WATER & 94,100# 20/40 SAND
7708-7909	37,425 GALS GELLED WATER & 108,500# 20/40 SAND
7435-7646	44,622 GALS GELLED WATER & 131,330# 20/40 SAND

Perforated the Lower Price River from 9185'-86', 9194'-95', 9226'-27', 9234'-35', 9242'-43', 9330'-31', 9335'-36', 9348'-49', 9371'-72', 9395'-96', 9450'-51', 9491'-92', 9496'-97', 9508'-09' w/ 2 spf.

Perforated the Middle/Lower Price River from 8898'-99', 8914'-15', 8920'-21', 8934'-35', 8952'-53', 8960'-61', 8985'-86', 9036'-37', 9045'-46', 9052'-53', 9066'-67', 9086'-87', 9098'-99', 9127'-28' w/ 2 spf.

Perforated the Middle Price River from 8571'-72', 8583'-84', 8603'-04', 8660'-61', 8668'-69', 8730'-31', 8739'-40', 8750'-51', 8757'-58', 8773'-74', 8810'-11', 8815'-16', 8825'-26', 8854'-55' w/ 2 spf.

Perforated the Upper/Middle Price River from 8259'-60', 8268'-69', 8287'-88', 8294'-95', 8314'-15', 8332'-33', 8365'-66', 8377'-78', 8427'-28', 8450'-51', 8458'-59', 8471'-72', 8504'-05' w/ 2 spf.

Perforated the Upper Price River from 7968'-69', 7983'-84', 8052'-53', 8059'-60', 8065'-66', 8070'-71', 8082'-83', 8089'-90', 8137'-38', 8183'-84', 8191'-92', 8200'-01' w/ 3 spf.

Perforated the Upper Price River from 7708'-09', 7711'-12', 7763'-64', 7778'-79', 7784'-85', 7798'-99', 7805'-06', 7810'-11', 7830'-31', 7858'-59', 7889'-90', 7908'-09' w/ 3 spf.

Perforated the Upper Price River from 7435'-36', 7443'-44', 7457'-58', 7474'-75', 7489'-90', 7497'-98', 7511'-12', 7535'-36', 7544'-45', 7566'-67', 7623'-24', 7630'-31', 7636'-37', 7645'-46' w/ 2 spf.

**32. FORMATION (LOG) MARKERS**

Middle Price River	8280
Lower Price River	9069
Sego	9596

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: CWU 1252-11

Api No: 43-047-50356 Lease Type: FEDERAL

Section 11 Township 09S Range 22E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

### **SPUDDED:**

Date 05/11/2010

Time 10:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by KENT DAVENPORT

Telephone # (435) 828-8200

Date 05/11/2010 Signed CHD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 16 2009

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU0281
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG RESOURCES INC		7. If Unit or CA Agreement, Name and No. UTU63013BF
Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		8. Lease Name and Well No. CWU 1252-11
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 303-824-5526	9. API Well No. 43 047 50356
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENW 1637FNL 2137FWL 40.05330 N Lat, 109.40895 W Lon At proposed prod. zone SENW 1637FNL 2137FWL 40.05330 N Lat, 109.40895 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES
14. Distance in miles and direction from nearest town or post office* 47.5 MILES SOUTH OF VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 11 T9S R22E Mer SLB SME: BLM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1637'	16. No. of Acres in Lease 2557.84	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1200'	19. Proposed Depth 9770 MD	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4776 GL	22. Approximate date work will start	17. Spacing Unit dedicated to this well
23. Estimated duration 45 DAYS		20. BLM/BIA Bond No. on file NM2308

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) MARY A. MAESTAS Ph: 303-824-5526	Date 04/16/2009
Title REGULATORY ASSISTANT		
Approved by (Signature) <i>Normi Hatch</i>	Name (Printed/Typed) <i>Normi Hatch</i>	Date 7/31/2009
Title <i>acting</i> Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #69003 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal  
Committed to AFMSS for processing by GAIL JENKINS on 04/17/2009 (09GXJ3934AE)

NOTICE OF APPROVAL

RECEIVED

AUG 03 2009

DIV. OF OIL, GAS &amp; MINING

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UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: EOG Resources, Inc.  
Well No: CWU 1252-11  
API No: 43-047-50356

Location: SENW, Sec. 11, T9S, R22E  
Lease No: UTU-0281  
Agreement: Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Prevent fill and stock piles from entering drainages.
- The access road shall be crowned and ditched. Flat-bladed roads are not allowed.
- The authorized officer may prohibit surface disturbing activities during severe winter, wet, or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches, or gravel (from a private or commercial source) etc. shall be needed to control the erosion. Low-water crossings and culverts shall be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Bury pipelines at all low water crossings.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Surface pipelines will be placed in such a way that they will not wander into the borrow area.
- Pipelines will be buried at all major road and drainage crossings
- The pit liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- The production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

**Variances Granted**

**Air Drilling**

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil &

Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.